

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): John J. Wu, et al.

Confirmation No.:

Application No.:

Examiner:

Filing Date: August 30, 2003

Group Art Unit:

Title: Shift Redundancy Encoding for Use with Digital Memories

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e)(1) or (2), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

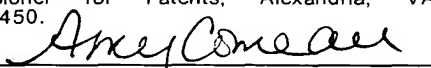
It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV148864555US**

Date of Deposit **August 30, 2003**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By



Typed Name: **Amy Comeau**

Respectfully submitted,

John J. Wu, et al.

By



Robert Plotkin, Esq.

Attorney/Agent for Applicant(s)

Reg. No. **43,861**

Date: **August 30, 2003**

PATENT APPLICATION

Sheet 1 of 3

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200207388-1	APPLICATION NO.	CONFIRMATION NO.
APPLICANT John J. Wu, et al.			
FILING DATE August 30, 2003		GROUP	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	6,542,421 B2	Apr. 1, 2003	Sugamoto	
	1B	6,373,775 B2	Apr. 16, 2002	Ishikawa	
	1C	0031023 A1	Mar. 14, 2002	Sugamoto	
	1D	0050868 A1	Dec. 13, 2001	Sugamoto	
	1E	6,314,033 B1	Nov. 6, 2001	Sugamoto	
	1F	0021129 A1	Sep. 13, 2001	Ishikawa	
	1G	6,262,935 B1	Jul. 17, 2001	Parris	
	1H	6,188,597 B1	Feb. 13, 2001	Takita	
	1I	6,134,159	Oct. 17, 2000	Sekino	
	1J	6,021,075	Feb. 1, 2000	Ueno	
	1K	6,006,311	Dec. 21, 1999	Arimilli	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	JP22015592A2	Jan. 18, 2001	United Memories Inc		X
	1M	JP21344991A2	Jun. 5, 2000	Fujitsu Ltd		X
	1N	EP0905625B1	Dec. 11, 2002	Ueno		
	1O	EP1058267A2	Dec. 6, 2000	Takita		
	1P	JP20100191A2	Apr. 7, 2000	Fujitsu Ltd.		X

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	
	1R	
	1S	

EXAMINER	DATE CONSIDERED
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PATENT APPLICATION

Sheet 2 of 3

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 200207388-1	APPLICATION NO.	CONFIRMATION NO.
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	5,958,068	Sep. 28, 1999	Arimilli	
	2B	5,808,944	Sep. 15, 1998	Yoshitake	
	2C	5,699,308	Dec. 16, 1997	Wada	
	2D	5,608,685	Mar. 4, 1997	Johnson	
	2E	5,574,729	Nov. 12, 1996	Kinoshita	
	2F	5,568,444	Oct. 22, 1996	Johnson	
	2G	5,508,969	Apr. 16, 1996	Johnson	
	2H	5,260,902	Nov. 9, 1993	Pilling	
	2I	5,255,217	Oct. 19, 1993	Tan	
	2J	5,206,831	Apr. 27, 1993	Wakamatsu	
	2K	5,146,429	Sep. 8, 1992	Kawai	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L	JP11102596A2	Apr. 13, 1999	NEC IC Microcomput S		X
	2M	JP10301846A2	Nov. 13, 1998	IBM		X
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	
	2R	
	2S	

EXAMINER	DATE CONSIDERED
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PATENT APPLICATION

Sheet 3 of 3

<p>FORM PTO-1449</p> <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> <p align="center">(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. 200207388-1</p>	<p>APPLICATION NO.</p>	<p>CONFIRMATION NO.</p>
<p>APPLICANT John J. Wu, et al.</p>			
<p>FILING DATE August30, 2003</p>		<p>GROUP</p>	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	5,070,502	Dec. 3, 1991	Supnik	
	3B				
	3C				
	3D				
	3E				
	3F				
	3G				
	3H				
	3I				
	3J				
	3K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	3L					
	3M					
	3N					
	3O					
	3P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	
	3R	
	3S	

EXAMINER	DATE CONSIDERED
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